



Attorney's Docket No.: 19182-003001 / P99E9010/US/js

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Seung-Chan Bang et al.      Art Unit : 2631  
Serial No. : 09/584,189      Examiner : Kevin M. Burd  
Filed : May 31, 2000  
Title : APPARATUS AND METHOD FOR MODULATING DATA MESSAGE BY  
EMPLOYING ORTHOGONAL VARIABLE SPREADING FACTOR (OVSF)  
CODES IN MOBILE COMMUNICATION SYST

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY  
AND CHANGE OF CORRESPONDENCE ADDRESS**

- ☒ The undersigned, acting on behalf of the assignee, hereby revokes all previous powers of attorney given in the above-identified application.
- ☒ The undersigned, acting on behalf of the assignee, hereby appoints the following practitioners to prosecute the above-identified application and to transact all business related to the above-identified application in the Patent and Trademark Office:

John F. Hayden, Reg. No. 37,640  
W. Karl Renner, Reg. No. 41,265  
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- ☒ The undersigned, acting on behalf of the assignee, requests that a change of correspondence address for the above-identified application be entered to the address associated with Customer No. 26171.

Under 37 CFR §3.73(b), ELECTRONICS AND TELECOMMUNICATIONS  
RESEARCH INSTITUTE (ETRI), a non-profit, government-funded research institute, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

☒ An assignment from the inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 010834, Frame 0087 on May 31, 2000.

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The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Signature: J. H. Shin  
Typed name: Jung-hyuk Shin  
Title: Leader of IPR Management Team  
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